

1 40

SEQ_36	(1)	CDLPQTHSLGNRRALMLLAQMGRISPFSCCLKDRQDFGFPQ
SEQ_37	(1)	CDLPQTHSLGDRRAMILLAQMGRISPFSCCLKDRYDFGFPQ
SEQ_38	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFGFPQ
SEQ_39	(1)	CDLPQTHSLGNRRALMLLAQMGRISPFSCCLKDRQDFGFPQ
SEQ_40	(1)	CDLPQTHSLGNRRALVLLAQMGRISPFSCCLKDRYDFGFPQ
SEQ_41	(1)	CDLPQTHSLGNRRALMLLAQMGRISPFSCCLKDRYDFGFPQ
SEQ_42	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRQDFGFPQ
SEQ_43	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFGFPQ
SEQ_44	(1)	CDLPQTHSLGNRRALILLAQMRRISPFSCCLKDRHDFGFPQ
SEQ_45	(1)	CDLPQTHSLGNRRALMLLAQMGRISPFSCCLKDRQDFGFPQ
SEQ_46	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRYDFGFPQ
SEQ_47	(1)	CDLPQTHSLGNRRALILLGQMGRISHFSCCLKDRHDFGFPQ
SEQ_48	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRYDFGFPQ
SEQ_49	(1)	CDLPQTHSLGNRRALMLLAQMGRISPFSCCLKDRYDFGFPQ
SEQ_50	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFGLFPQ
SEQ_51	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRYDFGFPQ
SEQ_52	(1)	CDLPQTHSLGNKRAMMLLAQMGRISPFSCCLKDRHDFGFPQ
SEQ_53	(1)	CDLPQTHSLGNRRALMLLAQMGRISPFSCCLKDRHDFGFPQ
SEQ_54	(1)	CDLPQTHSLGNRRALILLAQMGRISHFSCCLKDRHDFGFPQ
SEQ_55	(1)	CDLPQTHSLGNRRAMMLLAQMSRISPFSSCLMDRHDFFFPQ
SEQ_56	(1)	CDLPQTHSLGNRRALILLAQMGRISHFSCCLKDRYDFGFPQ
SEQ_57	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFRFPQ
SEQ_58	(1)	CDLPQTHSLGNRRRLMIMAQMGRISPFSCCLKDRHDFGFPQ
SEQ_59	(1)	CDLPQTHSLGNRRALILLAQMGRISHFSCCLKDRYDFGFPQ
SEQ_60	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFGFPQ
SEQ_61	(1)	CDLPQTHSLGNRRALILLAQMRRISPFSCCLKDRHDFGFPQ
SEQ_62	(1)	CDLPQTHSLGNRRALILLAQMGRVSPFSCCLKDRHDFGFPQ
SEQ_63	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFRFPQ
SEQ_64	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFGFPQ
SEQ_65	(1)	CDLPQTHSLGNRRPLILLAQMGRISPFSCCLKDRQDFGFPQ
SEQ_66	(1)	CDLPQTHSPGNRRALMLLAQMGRISPFSCCLKDRYDFGFPQ
SEQ_67	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFGLFPQ
SEQ_68	(1)	CDLPQTHSLGNRRRLMLMAQMRRISPFRLKDRYDFGFPQ
SEQ_69	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFGFPQ
SEQ_70	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRYDFGFPQ
SEQ_79	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCLMDRHDFGFPQ
SEQ_80	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFGFPQ
SEQ_81	(1)	CDLPQTHSLGNRRRLMIMAQMGRISPFSCCLKDRHDFGFPQ
SEQ_82	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCLMDRHDFGFPQ
SEQ_83	(1)	CDLPQTHSLGNRRRLMIMAQMGRISPFSCCLKDRHDFGFPQ
SEQ_84	(1)	CDLPQTHSLGNRRALILLAQMGRISPFSCLMDRHDFGFPQ
SEQ_85	(1)	CDLPQTHSLGNRRRLMIMAQMGRISPFSCCLKDRHDFGFPQ

Fig. 1A

SEQ_36 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSAAWEQT
 SEQ_37 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSAAWEQS
 SEQ_38 (41) EEFDGNQFQKAQAISVLHEMMQQTFFNLFFSTKNSSAAWDET
 SEQ_39 (41) EEFDNSQFQKAQAISVLHEMMQQTFFNLFFSTKDSAAWDET
 SEQ_40 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSAAWDET
 SEQ_41 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSAAWDET
 SEQ_42 (41) EEFDGNRFQKAQAISVLHEMIQQTFFNLFFSTKNSSAAWEQS
 SEQ_43 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSATWEQS
 SEQ_44 (41) EEFDNSQFQKAQAISVLHEMIQQTFFNLFFSTKDSAAWEQS
 SEQ_45 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSAAWEQS
 SEQ_46 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSAAWEQS
 SEQ_47 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSVAWDER
 SEQ_48 (41) EEFDGNQFQKAQAISVLHEIMQQTFFNLFFSTKNSSAAWDET
 SEQ_49 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSAAWEQS
 SEQ_50 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKNSSAAWDET
 SEQ_51 (41) EEFDGNQFQKAQAISVLHEMMQQTFFNLFFSTKNSSAAWDET
 SEQ_52 (41) EEFDGNQFQRAQAIPVLHEMIQQTFFNFFSTKDSAAWEQS
 SEQ_53 (41) EEFDGNQFQKAQAISAFHEMIQQTFFNLFFSTKDSAAWEQN
 SEQ_54 (41) EEFDGHQFQKTQQAISVLHEMIQQTFFNLFFSTKDSAAWEQS
 SEQ_55 (41) EEFDKQFQKAPAIISVLHEVIQQTFFNLFFSTEDSSAAWEQT
 SEQ_56 (41) EVFDGNQFQKAQAISAFHEMMQQTFFNLFFSTKDSAAWEQS
 SEQ_57 (41) EEFDGNQLQKTQQAISVLHEMIQQTFFNLFFSTKDSATWEQS
 SEQ_58 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSATWEQS
 SEQ_59 (41) EVFDGNQFQKAQAISAFHEMIQQTFFNLFFSTKDSATWEQS
 SEQ_60 (41) EEFDGNQSQAQAISVLHEMIQQTFFNLFFSTKDSSTWDAT
 SEQ_61 (41) EEFDGNQFQKAQAISAFHEMIQQTFFNLFFSTKDSAAWEQS
 SEQ_62 (41) EEFDGNQFQKAQAISAFHEMIQQTFFNLFFSTKDSATWEQS
 SEQ_63 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSATWEQS
 SEQ_64 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSATWEQS
 SEQ_65 (41) EEFDGNQFQKAQAISVLHEMMQQTFFNLFFSTKNSSAAWEQS
 SEQ_66 (41) GEFDGNQFQKAQAISVLHEMMQQTFFNLFFSTKDSAAWEQS
 SEQ_67 (41) EEFDGNQFQKTQQAISVLHEMIQQTFFNLFFSTKDSSTWEQS
 SEQ_68 (41) EVFDGNQFQKAQAIFLPHHEMMQQTFFNLFFSTKNSSAAWDET
 SEQ_69 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSATWEQS
 SEQ_70 (41) EEFDGNQLQAQAISVLHEMIQQTFFNLFFSTKDSAAWEQS
 SEQ_79 (41) EEFDNDFQKAQAISVLHEMIQQTFFNLFFSTKDSATWDET
 SEQ_80 (41) EEFDGNQFQKAQGISVLHEMIQQTFFHLFFSTKDSATWEQS
 SEQ_81 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSATWDET
 SEQ_82 (41) EEFGGNQFQKAQAISVLHEMIQQTFFNLFFSTEDSSAAWDET
 SEQ_83 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSATWDET
 SEQ_84 (41) EEFDNDFQKAQAISVLHEMIQQTFFNLFFSTKDSATWDET
 SEQ_85 (41) EEFDGNQFQKAQAISVLHEMIQQTFFNLFFSTKDSATWDET

Fig. 1B

	81	120
SEQ_36	(81)	LLEKFSTELYQQLNDLEACVIEVGVKETPLMNVDSILAV
SEQ_37	(81)	LLEKFSTELYQQLNELEACVIEVGVGETPLMNGDSILAV
SEQ_38	(81)	LLEKFSTELYQQLNELEACVIEVGVVEETPLMNEDSILAV
SEQ_39	(81)	LLEKFSTELYQQLNDLEACVIEVGVVEETPLMNVDSILAV
SEQ_40	(81)	LLEKFSTELYQQLNDLEACVIEVGVVEETPLMNEDSILAV
SEQ_41	(81)	LLEKFSTELYQQLNDLEACVIEVGVVEETPLMNVDSILAV
SEQ_42	(81)	LLEKFSTELYQQLNDLEACVIEVGVVEETPLMNEDSILAV
SEQ_43	(81)	LLEKFSTELNQQLNDLEACVIEVGVVEETPLMNVDPILAV
SEQ_44	(81)	LLEKFSTELHQQLNELEACVVQEVGVVEETPLMNEDSILAV
SEQ_45	(81)	LLEKFSTELYQQLNDLEACVIEVGVVEETPLMNVDSILAV
SEQ_46	(81)	LLEKFSTELYQQLNDLEACVIEVGVVEETPLMNVDSILAV
SEQ_47	(81)	LLDKLYTELYQQLNDLEACVMQEVWGGTPLMNEDSILAV
SEQ_48	(81)	LLEKFSTELYQQLNELEACVIEVGVVEETPLMNEDSILAV
SEQ_49	(81)	LLEKFSTGLYQQLNDLEACVIEVGVVEETPLMNEDSILAV
SEQ_50	(81)	LLEKFSTELYQQLNNLEACVIEVGVMEETPLMNVDSILAV
SEQ_51	(81)	LLEKFSTELYQQLNELEACVIEVGVVEETPLMNEDSILAV
SEQ_52	(81)	LLEKFSTELNQQLNDLEACVIEVGVVEETPLMNEDSILAV
SEQ_53	(81)	LLEKFSTELYQQLNNLEACVIEVGVMEETPLMNVDSILAV
SEQ_54	(81)	LLEKFSTELYQQLNDLEACVIEVGVVEETPLMNEDSILAV
SEQ_55	(81)	LLEKFSTELYQQLNDLEACVMQEERVGETPLMNADSI LAV
SEQ_56	(81)	LLEKFSTELHQQLNDLEACVIEVGVVEETPLMNEDSILAV
SEQ_57	(81)	LLEKFSTELNQQLNDLEACVIEVGVVEETPLMNVDSILAV
SEQ_58	(81)	LLEKFSTELNQQLNDLEACVIEAGVEETPLMNVDSILAV
SEQ_59	(81)	LLEKFSTELYQQLNNLEACVIEVGVVEETPLMNEDSILAV
SEQ_60	(81)	LLEKFSTELNQQLNDLEACVIEVGVVEETPLMNVDSILAV
SEQ_61	(81)	LLEKFSTELYQQLNNLEACVIEVGVMEETPLMNEDSILAV
SEQ_62	(81)	LLEKFSTELYQQLNNLEACVIEVGVVEETPLMNVDSILAV
SEQ_63	(81)	LLEKFSTELYQQLNNLEACVIEVGVVEETPLMNVDSILAV
SEQ_64	(81)	LLEKFSTELNQQLNDLEACVIEVGVVEETPLMNVDSILAV
SEQ_65	(81)	LLEKFSTELHQQLNELEACVIEVGVVEETPLMNVDSILAV
SEQ_66	(81)	LLEKFSTELYRQLNDLEACVIEVGVVEETPLMNVDSILAV
SEQ_67	(81)	LLEKFYIELFQQLNDLEACVIEVGVVEETPLMNVDSILAV
SEQ_68	(81)	LLDKFYTELYQQLNDLEACVMQEGRVGETPLMNADSI LAV
SEQ_69	(81)	LLEKFSTELNQQLNDLEACVTQEVGVVEETPLMNEDSILAV
SEQ_70	(81)	LLEKFSTELNQQLNDLEACVIEVGVVEETPLMNVDSILAV
SEQ_79	(81)	LLDKFYTELYQQLNDLEACVIEVGVVEETPLMNEDSILAV
SEQ_80	(81)	LLEKFSTELNQQLNDLEACVIEVGVVEETPLMNVDSILAV
SEQ_81	(81)	LLDKFYTELYQQLNDLEACMMQEVGVEDTPLMNVDSILTV
SEQ_82	(81)	LLDKFYIELFQQLNDLEACVMQEERVGETPLMNADSI LAV
SEQ_83	(81)	LLDKFYTELYQQLNDLEACMIQEVGVVEETPLMNEDSILAV
SEQ_84	(81)	LLDKFYTELYQQLNDLEACMMQEVGVVEETPLMNVDSILTV
SEQ_85	(81)	LLDKFYTELYQQLNDLEACMMQEVGVVEETPLMNEDSILAV

Fig. 1C

121 160

SEQ_36 (121) RKYFQRITLYLIERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_37 (121) KKYFQRITLYLIERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_38 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_39 (121) RKYFQRITLYLIERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_40 (121) KKYFQRITLYLIERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_41 (121) RKYFQRITLYLIERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_42 (121) KKYFQRITLYLIERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_43 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_44 (121) KKYLRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_45 (121) RKYFQRITLYLIERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_46 (121) RKYFQRITLYLIERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_47 (121) RKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_48 (121) RKYFQRITLYLTEKKYSPCSWEVVRAEIMRSFSFSTNLQK
SEQ_49 (121) KKYFQRITLYLTEKKYSPCSWEVVRAEIMRSFSFSTNLQK
SEQ_50 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_51 (121) KKYFQRITLYLTEKKYSPCSWEVVRAEIMRSFSFSTNLQK
SEQ_52 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_53 (121) RKYFQRITLYLIERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_54 (121) KKYFQRITLYLMERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_55 (121) RKYFQRITLYLTKKYSKPCSWEVVRAEIMRSFSFSTNLQK
SEQ_56 (121) RKYFQRITLYLMERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_57 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_58 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_59 (121) RKYFQRITLYLMERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_60 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_61 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_62 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_63 (121) KKYFQRITLYLTERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_64 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_65 (121) KKYFQRITLYLIERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_66 (121) RKYFQRITLYLTEKKHSPCSWEVVRAEIMRSFSFSTNLQK
SEQ_67 (121) RKYFQRITLYLTEEKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_68 (121) KKYFRITLYLTEKKYSPCAWEVRAEIMRSFSFSTNLQK
SEQ_69 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_70 (121) KKYFQRITLYLTERKYSKPCAWEVVRAEIMRSFSFSTNLQK
SEQ_71 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_72 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_73 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_74 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_75 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_76 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_77 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_78 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_79 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_80 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_81 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_82 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_83 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_84 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK
SEQ_85 (121) KKYFRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK

Fig. 1D

161 166

SEQ_36	(161)	RLRRKE
SEQ_37	(161)	RLRRKE
SEQ_38	(161)	RLRRKE
SEQ_39	(161)	RLRRKE
SEQ_40	(161)	RLRRKE
SEQ_41	(161)	RLRRKE
SEQ_42	(161)	RLRRKE
SEQ_43	(161)	RLRRKE
SEQ_44	(161)	RLRRKE
SEQ_45	(161)	RLRRKE
SEQ_46	(161)	RLRRKE
SEQ_47	(161)	RLRRKE
SEQ_48	(161)	RLRRKE
SEQ_49	(161)	RLRRKE
SEQ_50	(161)	RLRRKE
SEQ_51	(161)	RLRRKE
SEQ_52	(161)	RLRRKE
SEQ_53	(161)	RLRRKE
SEQ_54	(161)	RLRRKE
SEQ_55	(161)	RLRRKE
SEQ_56	(161)	RLRRKE
SEQ_57	(161)	RLRRKE
SEQ_58	(161)	RLRRKE
SEQ_59	(161)	RLRRKE
SEQ_60	(161)	RLRRKE
SEQ_61	(161)	RLRRKE
SEQ_62	(161)	RLRRKE
SEQ_63	(161)	RLRRKE
SEQ_64	(161)	RLRRKE
SEQ_65	(161)	RLRRKE
SEQ_66	(161)	RLRRKE
SEQ_67	(161)	RLRRKE
SEQ_68	(161)	RLRRKE
SEQ_69	(161)	RLRRKE
SEQ_70	(161)	RLRRKE
SEQ_79	(161)	RLRRKE
SEQ_80	(161)	RLRRKE
SEQ_81	(161)	RLRRKE
SEQ_82	(161)	RLRRKE
SEQ_83	(161)	RLRRKE
SEQ_84	(161)	RLRRKE
SEQ_85	(161)	RLRRKE

Fig. 1E

Activity, Units/mg

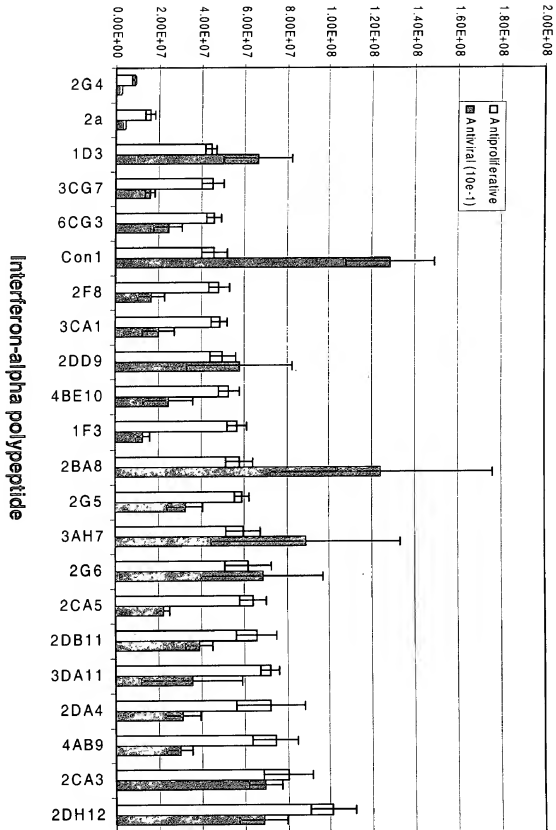
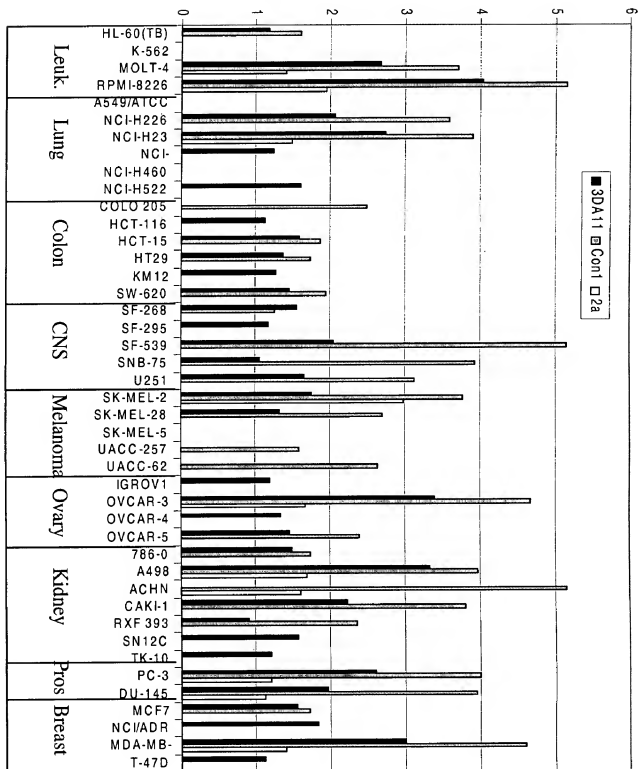


Fig. 2

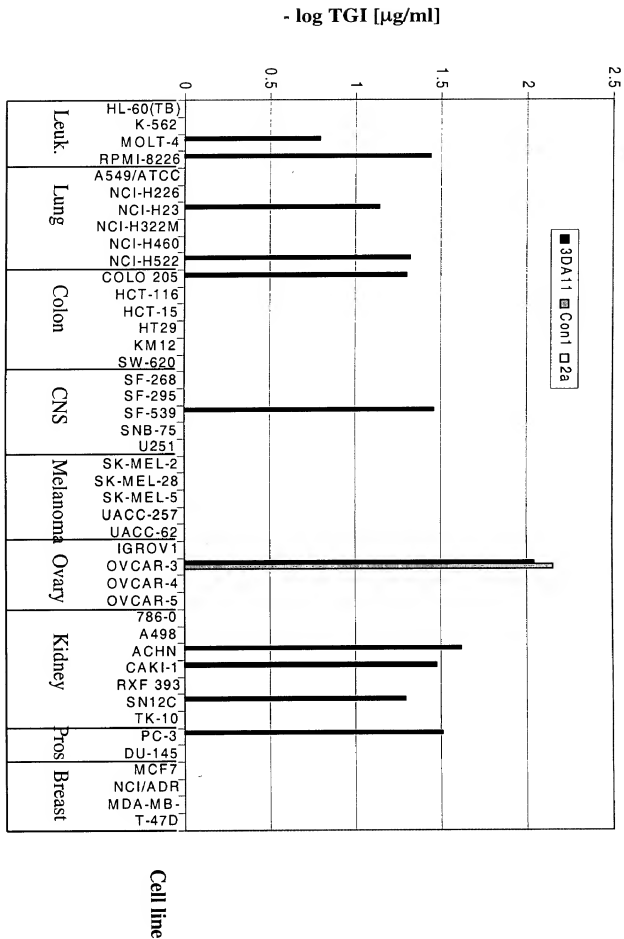
-log GI50 [$\mu\text{g/ml}$]



Cell line

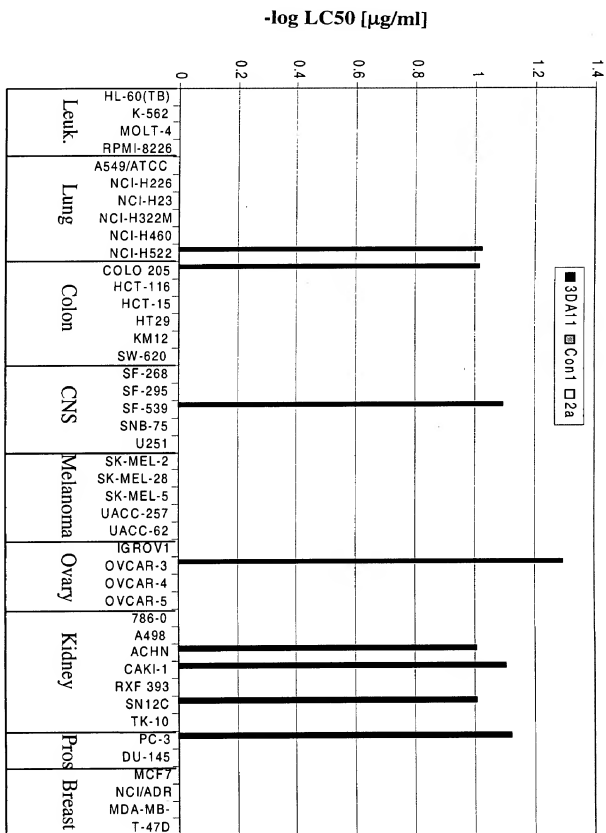
Fig. 3A

Fig. 3B



09685189.100600

Fig. 3C



Cell line

Cytostatic activity on leukemia cell line (RPMI-8226)

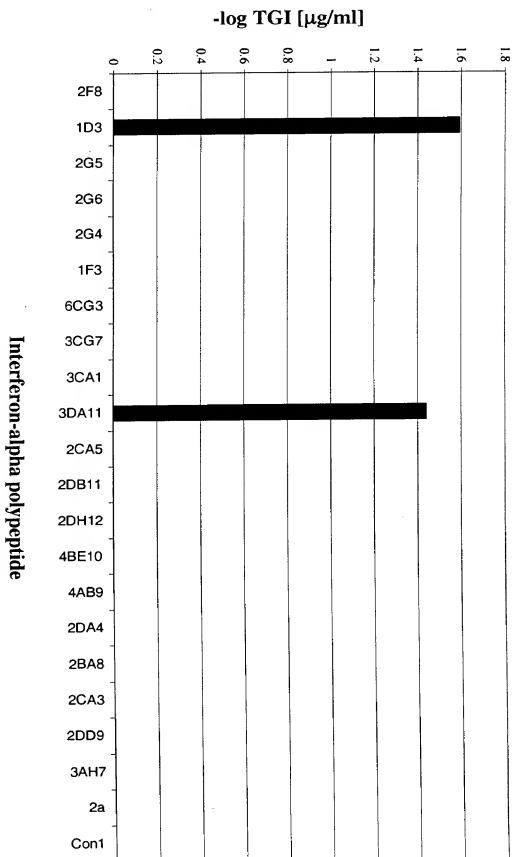


Fig. 4A

Cytostatic activity on lung cancer cell line (NCI-H23)

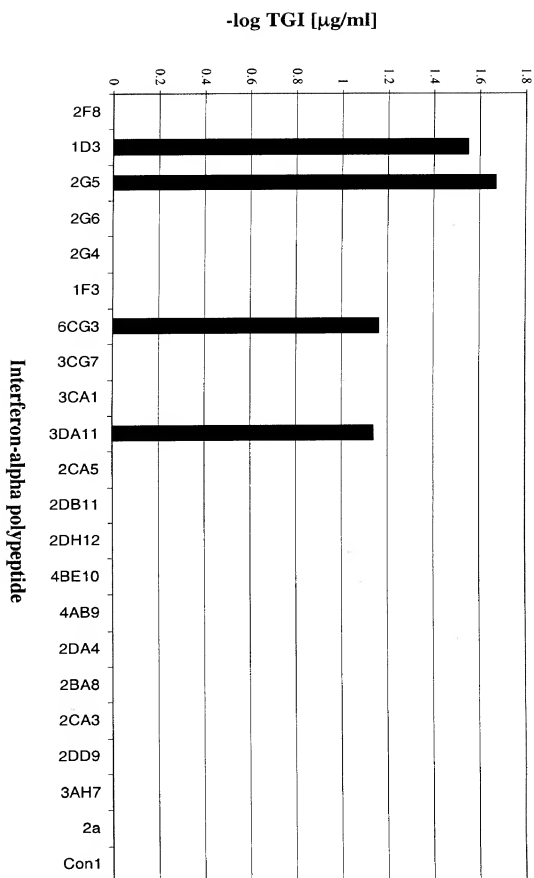


Fig. 4B

09685189.100600

Cytostatic activity on renal cancer cell line (ACHN)

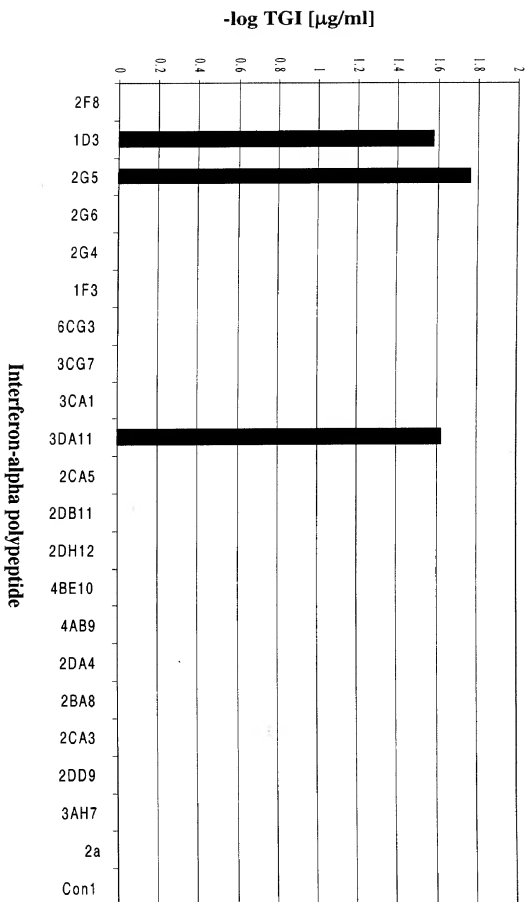


Fig. 4C

Cytostatic activity on ovarian cancer cell line (OVCAR-3)

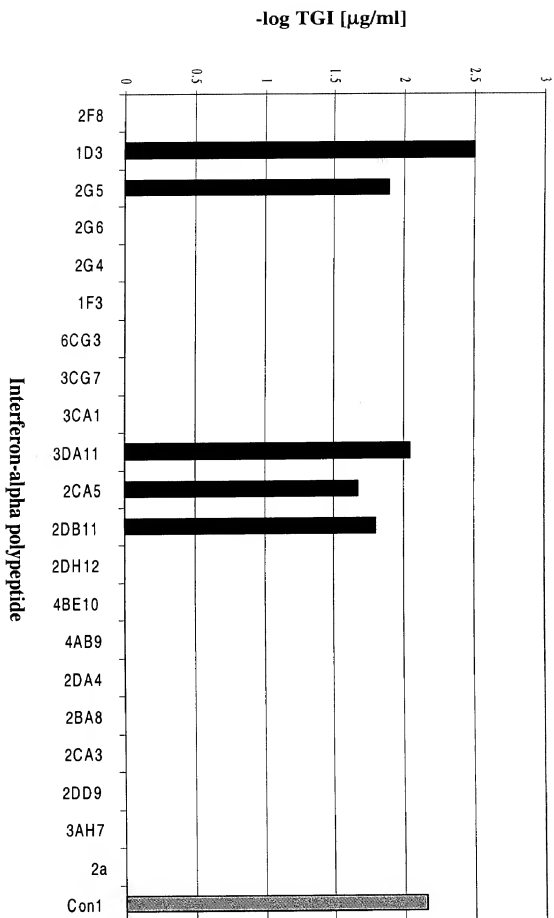


Fig. 4D

09685189.100600

Fig. 5

